

Canc frp: Aug 02

COMNAVAIRPACNOTE 13050
N421
4 Sep 01

COMNAVAIRPAC NOTICE 13050

Subj: AIRCRAFT CONFIGURATION LISTING FOR PACIFIC FLEET AIRCRAFT (E-2)

Encl: (1) E-2C Baseline Configuration List

1. Purpose. To issue an aircraft baseline configuration list for E-2C aircraft. This is a complete revision and should be reviewed in its entirety.
2. Cancellation. COMNAVAIRPACINST 13050.86E.
3. Background. This instruction applies to all COMNAVAIRPAC activities having reporting custody of E-2C aircraft. Other activities may be tasked to comply with the requirements of this instruction as directed by either this Headquarters, cognizant wing commanders or operational commanders.
4. Information
 - a. Attainment of the highest possible level of force readiness requires continual modification of aircraft/equipment. Because all Type/Model/Series (TMS) aircraft are seldom modified simultaneously, two or more major aircraft configurations may be operational at one time. Despite this, it is possible to maintain substantial similarity between TMS aircraft provided a baseline configuration is maintained. Enclosure (1) issues the baseline configuration for E-2 aircraft. Airframe changes and equipment items not included in the baseline have either been incorporated in all aircraft, are not required for baseline purposes or have been issued after promulgation of this directive.
 - b. Operating activities occasionally require more specific configuration guidance than the baseline provides. Normally, those requirements are generated by operational tasking and/or logistics considerations. In those instances, COMNAVAIRPAC will issue configuration directives which supplement enclosure (1) and provide more specific guidance.
5. Action. Commanding Officers of all units having reporting custody of E-2C aircraft shall endeavor to configure aircraft per enclosure (1) to the extent material/support exists and no incorporation/retrofit restrictions apply. Recommended changes to the baseline shall be forwarded to COMNAVAIRPAC via the appropriate chain of command.
6. Cancellation Contingency. This notice is cancelled upon receipt of a revised notice of the same subject.

/s/

M. L. PURCELL
Chief of Staff

COMNAVAIRPACNOTE 13050

Distribution:

SNDL Parts 1 and 2 (PACFLT only, unless otherwise indicated)
42DD2 Carrier Airborne Early Warning Squadron

Copy to:

21A2 CINCPACFLT
22A2 Fleet Commander
24A1 Air Force Commander
26CC Fleet Coordinating Group
28A2 Carrier Group
29B2 Aircraft Carrier
42A2 Fleet Air Command
42E2 Type Wing Commander (COMAEWWINGPAC only)
42J2 Carrier Air Wing
FB6 Air Facility (Pt Mugu only)
FB7 Air Station (Pt Mugu only)
FB34 Fleet Activities (Okinawa only)
FKR1B Aviation Depot (North Island only)
COMNAVRESFOR Naval Field Service Representative, Aircraft Maintenance Officer,
CODE 6702, NAS Point Mugu, 93042-5000

Stocked:

COMNAVAIRPAC (N004)

E-2C AIRCRAFT BASELINE CONFIGURATION LIST

1. Airframe Changes:

DIRECTIVE	DESCRIPTION
AFC 001-362	Incorporated or not applicable
AFC 363	Remove static wicks lwr rudder tab
AFC 364	Replace digital data recorder/reproducer
AFC 365	High speed processor
AFC 366	IFF mode IV code hold modification
AFC 367	Underwater acoustical beacon cradle, install
AFC 368	Eliminate erroneous max rudder caution light
AFC 369	KY-58 AM baseband mode operation
AFC 370	Struct. fatigue recording system
AFC 371(I)	Instl of J-4936/AIC-14 bypass panel
AFC 371(II)	J-4936/A interconnecting box, install
AFC 372	CIC compartment door, modification
AFC 373	Radar real time synthetic video (RTSV) mod
AFC 374	Incorp fire bottle insul bkt heat deflector
AFC 375	Incorporation of EMDU
AFC 376	10KVA Emer gen CSM line mod
AFC 377	Walkaround bottle latch mod
AFC 378(I)	WCS enhancements into delivery E-2C
AFC 378(II)	OWP enhancements into delivery E-2C
AFC 379	Main entrance door structural mod
AFC 380	Remote VSWR enabling
AFC 383	Aircrew seat bower system, removal
AFC 384	Garbled UHF-1 radio intefer w/UHF-3, UHF-4
AFC 385	AN-M8 signal pistol container assy removal
AFC 386	JTIDS incorp V.C.
AFC 387	Incorporate JTIDS
AFC 388	Incorp AN/ARA-63 rec/dec
AFC 389	Rotodome lift rod installation
AFC 390	Seat security
AFC 391	T56-A-425 bolted hardware installation
AFC 392	Add aluminum stop to cockpit side mirror
AFC 393	Relocate engine forward analyzer unit
AFC 394	Fire extinguisher access main pwr dist box
AFC 395	Engine oil pressure gauges
AFC 396	Install drain holes on nacelle floor
AFC 397	Retrofit GP I to GP II
AFC 399	Nav Upgrades
AFC 400	ID E-2C+ from non E-2C+ for shipboard ops
AFC 401	Seat tilt mechanism/seat plate security
AFC 402	Max rudder caution light wiring mod
AFC 403	ARC-158 radio set/SCRAM wiring mod
AFC 404	AN/USC-43(V)3 ANDVT
AFC 405	Cockpit overhead ckt bkr panel hinge
AFC 407	Install co-pilots angle of attack indexer
AFC 408	Satcom inc MINI-DAMA GPI AND GP II
AFC 409	Non ozone cool vapor
AFC 410	Pilot/copilot side window curtains
AFC 411	Stormscope installation

COMNAVAIRPACNOTE 13050

AFC 412	Phase correction UHF-6, VHF-3
AFC 413	Co-pilots master caution light reset
AFC 414	Replace DVOM w/power monitor panel
AFC 415	Replace elevator control push rod assy
AFC 417	KY-58 RCU
AFC 419	Fwd Equip to CIC kick
AFC 420	Auto altitude system select switch
AFC 423	Caution label for AM-7314/URN GPS ant group
AFC 424	PDS cover and Elevator actuator
AFC 425	Wiring for AN/AAU-34B/A barometric altimeter
AFC 426	Replace wingfold actuator support ftg bolt
AFC 427	Eng control panel replacement
AFC 429	IFF det processor coax SX107A rerouting
AFC 430	CICO station 5v a-c lighting wiring mod
AFC 431	Relocate support bracket
AFC 432	Wire bundle routing over -427 eng oil tank
AFC 434	Accoustical insulation removal
AFC 435	PDS external cover drainage provisions
AFC 436	Portable O2 bottle relocation
AFC 437	ASN-139 (CAINSII) backup battery
AFC 438	Rudder pedal adjust lever mechanism shield
AFC 440	Mod NLGfwd uplock beam/replace aft uplock beam
AFC 441	Install pilot/copilot utility light socket
AFC 442	Remove signal voltage from SCADC unused wire

EQUIPMENT	NOMENCLATURE	E-2C GP II	E-2C GP II NAV UPGRADE	E-2C GP II MCU/ ACIS	NOTES
ICS	AN/AIC-14	X	X	X	
DIGITAL DATA LINK (ACLS)	AN/ASW-25B	X	X	X	
UHF COMM DATA LINK (ACLS)	AN/ARC-158	X	X	X	
VHF/UHF COMM	AN/ARC-182	X	X	X	
STND FLT CONTROL SYSTEM	AN/ASW-50 (SAFCS)	N/A	X	X	
HF RADIO	AN/ARQ-34	X	X	X	
IN FLIGHT PERFORMANCE MONITOR	AN/ASM-440	X	X	X	
AUTOMATIC FLIGHT CONTROL SYSTEM	AN/ASW-15 (AFCS)	X	X	X	
ALTIMETER	AAU-19A/A	X	X	X	NOTE 5
SCADC	CP-140A	X	X	X	
ALTITUDE HEADING REF SYSTEM	AN/ASN-50 (AHRs)	X	N/A	N/A	
AIRBORNE REFRACT.	AN/AMH-3	N/A	N/A	N/A	NOTE 2

COMNAVAIRPACNOTE 13050

EQUIPMENT	NOMENCLATURE	E-2C GP II	E-2C GP II NAV UPGRADE	E-2C GP II MCU/ ACIS	NOTES
CONTROL INDICATOR SET	AN/APQ-179	X	X	N/A	
DIGITAL TO ANALOG CONVERTER	CV-4138/A	N/A	X	X	
DIGITAL DATA COM SYSTEM	RT-1379A/ASW	N/A	X	X	
CONT INDICATOR SET (MFCDU)	C-12075/A	X	N/A	N/A	
CONT INDICATOR SET	C-12390/A	N/A	X	X	
DATA COMM SET	AN/ARC-80	X	X	X	
RADAR	AN/APS-145	X	X	X	
RADAR ALTIMETER	AN/APN-171	X	X	X	
COMPUTER	AN/AYK-14	X	X	X	
PYLON ANT GROUP	OE-384/A	X	X	X	
TRAC A ROTODOME	OE-335/A	X	X	X	
TACAN	AN/ARN-118	X	X	X	NOTE 1

Enclosure (1)

COMNAVAIRPACNOTE 13050

EQUIPMENT	NOMENCLATURE	E-2C GP II	E-2C GP II NAV UPGRADE	E-2C GP II MCU/ ACIS	NOTES
UHF/DF	AN/ARA-50	X	X	X	
UHF SECURE	T/SEC KY-58	X	X	X	
HF SECURE	T/SEC KG-40	X	X	X	
STRUC DATA REC (SDRS)	AN/ASH-37	X	X	X	NOTE 4
IFF TRANSPONDER	APX-100	X	X	X	
INERTIAL NAV SYSTEM	AN/ASN-139	N/A	X	X	
APPROACH GUIDANCE SYSTEM	AN/ARA-63	X	X	X	
ECM SYSTEM	AN/ALR-73	X	X	X	
INERTENCLOSURE IAL NAV SYSTEM	AN/ASN-92	X	N/A	N/A	
COMPUTER PROGRAMMER GROUP	OL-424/ASQ	X	X	N/A	
DIGITAL COMPUTER	CP-2092(P) A (GPS)	N/A	X	X	
PROGRAM LOADER	MU-1053/A (GPS)	N/A	X	X	

Enclosure (1)

COMNAVAIRPACNOTE 13050

EQUIPMENT	NOMENCLATURE	E-2C GP II	E-2C GP II NAV UPGRADE	E-2C GP II MCU/ ACIS	NOTES
DETECTOR PROCESSOR	OL-483/AP	X	X	X	
JTIDS	AN/URC-107 (V) 5	X	X	X	
GPS	AN/ARN-151 (V)	X	X	X	
STORM SCOPE	AN/AMS-2	X	X	X	
SATCOM	AN/ASQ-42	X	X	X	NOTE 3
ADVANCED NARROWBAND DIGITAL VOICE	AN/USC-43 (V) 3	X	X	X	
MISSION COMPUTER	CP-2319/ASQ	N/A	N/A	X	
ADVANCED CONTROL IND SET	AN/ASQ-225	N/A	N/A	X	
DATA LOADER RECORDER	RD-664A/ASH	N/A	N/A	X	
DIGITAL DATA REC/REP	RD-576/ASQ	X	X	N/A	
BOMB NAV	AJB-3	X	N/A	N/A	

Enclosure (1)

COMNAVAIRPACNOTE 13050

NOTES:

1. ARN-118 TACAN function replaced by JTIDS (AN/URC-107). AN/ARN-118 still used if JTIDS not available.
2. AMH-3 system obsolete and unsupportable. Not installed in new production aircraft.
3. SATCOM (AN/USQ-42) installation provisions installed. GFE WRA(S) installed as available due to limited assets.
4. Installations incomplete due to lack of funding.
5. To be replaced by AAU/34B/A.

Enclosure (1)

